

Hello,

I am the owner/operator of a small Wireless Internet Provider that uses P-15 equipment. We provide high speed Internet to areas where there are little if any other options for high-speed connections. There are many things that would help us to provide better, less expensive service to these areas. Some of our biggest hurdles include.

- 1) Radio and antenna certification as a system.
 - a) It would help a great deal to certify components separately and allow them to be used as long as you are within the power limits.
- 2) Interference from other operators, and other P15 devices.
 - a) Maybe the possibility of setting aside some unused/seldom used frequency bands for Wireless Internet Providers.
 - b) Have some way of coordinating the use of frequencies within certain geographic locations.
- 3) Line of Site issues with current allotted frequencies.
 - a) Open up some more area in the lower frequency ranges 900Mhz and under for Wireless Providers to use to help with areas where obtaining line of sites is difficult if not impossible to get.
- 4) Current FHSS is nearing obsolescent for broadband use.
 - a) Due to higher and higher bandwidth requirements for both business and residential customers the current FHSS radios are becoming near obsolete due to the fact that most of them are only able to provide 1.5Mb and under connection speeds. With Cable and DSL providers offering multi meg service customers are expecting this as a norm.
 - i) Allow manufactures to develop flexible hopping systems, so that the amount of hopping frequencies, channel width and the frequencies themselves can be customized by the operator to allow for more bandwidth per radio and also to help with interference issues associated with current DSSS and FHSS technologies.

This was a short list of things that I think may help out the Wireless Internet Providers industry as a whole.

Thanks,
Chadd Thompson